

Cumulative contents of Volume 108

Volume 108, Nos. 1-2, September 1993

A parallel multigrid method for history-dependent elastoplasticity computations [CMA 419] <i>S. Kacou and I.D. Parsons</i>	1
Dynamic response sensitivity of inelastic structures [CMA 424] <i>Y. Zhang and A. Der Kiureghian</i>	23
The influence of the degree of constraint on the residual stress of the machined workpiece [CMA 420] <i>Z.C. Lin, Y.Y. Lin and C.R. Liu</i>	37
Thermal stress analysis of axisymmetric bodies via the boundary element method [CMA 418] <i>M.B. Chopra and G.F. Dargush</i>	53
Shape and non-shape structural sensitivity analysis for problems with any material and kinematic non-linearity [CMA 421] <i>M. Kleiber</i>	73
Computation of incompressible flows with implicit finite element implementations on the Connection Machine [CMA 425] <i>M. Behr, A. Johnson, J. Kennedy, S. Mittal and T. Tezduyar</i>	99
Mapped transient infinite elements for heat transfer problems in infinite media [CMA 423] <i>C. Zhao and S. Valliappan</i>	119
Algorithmic symmetrization of Coulomb frictional problems using augmented Lagrangians [CMA 417] <i>T.A. Laursen and J.C. Simo</i>	133
Complementary energy method for cylindrical shells using second order stress functions [CMA 422] <i>E. Bertóti</i>	147
Object-oriented finite element programming: III. An efficient implementation in C++ [CMA 416] <i>Y. Dubois-Pèlerin and T. Zimmermann</i>	165
Book review [CMA 418]	185

Volume 108, Nos. 3-4, September 1993

Shape derivative of discretized problems [CMA 431] <i>M. Souli and J.P. Zolesio</i>	187
--	-----

Finite element method for one-dimensional and two-dimensional time dependent problems with B-splines [CMA 427]	
<i>K.N.S. Kasi Viswanadham and S.R. Koneru</i>	201
A variational finite element method for the two-dimensional Stokes problem [CMA 432]	
<i>M. Souli</i>	223
Shape design sensitivity analysis of viscoplastic structures [CMA 428]	
<i>T.H. Lee, J.S. Arora and V. Kumar</i>	237
Postbuckling behavior and imperfection sensitivity of elastic structures by the Lyapunov-Schmidt-Koiter approach [CMA 430]	
<i>R. Peek and M. Kheyrkhahan</i>	261
Combining recursive spatial decompositions and domain Delaunay tetrahedrizations for meshing arbitrarily shaped curved solid models [CMA 426]	
<i>N. Sapidis and R. Perucchio</i>	281
B-spline finite element studies of the non-linear Schrödinger equation [CMA 434]	
<i>L.R.T. Gardner, G.A. Gardner, S.I. Zaki and Z. El Sahrawi</i>	303
On a stress resultant geometrically exact shell model. Part VII: Shell intersections with 5/6-DOF finite element formulations [CMA 433]	
<i>J.C. Simo</i>	319
A finite element analysis of freeze-drying of a coffee sample [CMA 435]	
<i>W.J. Ferguson, R.W. Lewis and L. Tömösy</i>	341
Explicit multi-time step integration for first and second order finite element semidiscretizations [CMA 429]	
<i>T. Belytschko and Y.Y. Lu</i>	353
Author index	385
Subject index	387
Instructions to authors	391
Cumulative contents	393

